

CLAIMS

1. A rucksack comprising a bag having a back panel and, amongst other things, a belt assembly and a rigid frame secured to the back panel and the belt assembly, the
5 rucksack being characterized in that the bottom portion (5a) of the rigid frame (5) has a V-shaped configuration with an angle α at the apex, and in its middle and rear portion, the belt assembly (6) includes an upwardly open pocket (10) having a V-shaped configuration with an angle
10 β at the apex, where β is greater than α , such that said pocket (10) is suitable for serving as a housing for receiving the V-shaped bottom portion (5a) of the frame while allowing the belt assembly (6) to pivot angularly to some extent relative to the remainder of the rucksack.
15
2. A rucksack according to claim 1, characterized in that the rigid frame (5), at least in its V-shaped bottom portion (5a), is constituted by a flat bar of small thickness, and the pocket (10) is a flat pocket applied
20 to the rear face (12) of the belt assembly (6), in particular by stitching.
3. A rucksack according to claim 2, characterized in that the bottom end of the frame, forming the V-shaped point
25 (5b) presents a rounded shape, and the bottom (10a) of the pocket (10) includes, in register with said point, a zone that is reinforced.
4. A rucksack according to any one of claims 1 to 3,
30 characterized in that the middle portion of the belt assembly includes a V-shaped stiffener plate constituting the inside wall of the pocket, said stiffener plate preferably presenting a surface state with a low coefficient of friction relative to the material
35 constituting the V-shaped bottom portion of the frame.

5. A rucksack according to any one of claims 1 to 4, characterized in that it includes releasable fastener means for fastening the belt assembly (6) to the back (3) of the rucksack or to the frame, and serving, in the inactive position, to allow the bottom portion (5a) of the frame (5) to be inserted into the V-shaped pocket (10), and in the active position, to fasten the belt assembly (6) to the back (3) or to the frame of the rucksack, while not impeding the capacity for the belt assembly (6) to pivot angularly.

6. A rucksack according to claim 5, characterized in that the fastening means comprises a flexible strip (15) having one end secured, in particular by stitching, to the bottom edge (7) of the back (3) of the rucksack in a middle portion thereof and that can be secured in releasable manner, in particular by self-gripping means (16, 18) of the hook and loop type, to the front face (17) of the belt assembly (6) after the bottom portion (5a) of the frame (5) has been placed in the V-shaped pocket (10).

7. A rucksack according to any one of claims 1 to 6, characterized in that it includes two sets of padding means, and in particular:

- a first set constituted by two side pads (20, 21) of the belt assembly (6) disposed on either side of the front wall of the V-shaped pocket (10), and in particular on either side of its stiffener plate, the inside edges of the two side pads (20, 21) defining a substantially V-shaped space; and

- a second set constituted by a central pad (23) that is substantially V-shaped, with its bottom portion secured, in particular by stitches, to the bottom edge (7) of the back (3) of the rucksack, said central pad (23) being suitable for engaging in the V-shaped space between the two side pads (20, 21) and including

releasable fastener means, in particular self-gripping means, for securing it to the back of the rucksack, in such a manner that during angular pivoting of the belt assembly (20), the contacting zones (20a, 23a) of the side pad (20) and of the central pad (23) flatten against each other.

8. A rucksack according to claim 7, characterized in that the means for passing the central pad (23) comprise a longitudinal strip (24) extending said central pad (23) and a downwardly-open longitudinal sheath (25) secured to the back (3) of the rucksack and suitable for receiving the longitudinal strip (24) which can be secured releasably to one of the inside faces of said sheath (25), in particular by self-gripping means.